

- 2MP New Design Fixed HDR IR Dome Network Camera
- GW-HDB51RC80-LP



Features

- 2Mp 1/2.8" Sony Exmor Star Light CMOS Sensor;
- illumination color 0.001Lux@F1.2, B/W: 0.005lux @F1.2;
- Day/Night, AWB/MWB, BLC, HLC, 2D/3D-DNR, Shutter, IR-CUT
- HDR, Mirror, rotate, Defogging
- Multiply Style OSD Overlay, Motion Detection, Privacy Mask
- RTSP and Onvif 17.06 compatible with many third-party NVR
- H.264/H.265 dual-stream media server
- Easy-to-use P2P Cloud service
- Support user authentication, video data encryption
- Support Alarm Snapshot to Email and FTP
- Multiply WEB browser IE, Firefox 32bit ESR, PC Client, Mobile APP remote access
- RJ45 100mbps network port, IEEE802.3af PoE
- IP66, IK10
- 2PCS Array IR Led, IR distance up to 30m
- Fixed lens 2.8/3.6mm
- Built-in Mic (optional), Memory card up to 256G (optional)
- Junction Box (optional)

Technical Specifications

Camera	
Image Sensor	1/2.8" Sony Low light CMOS sensor
Effective Pixels	1945 (H) × 1097 (V)
Electronic Shutter	AUTO, 1/25s ~ 1/100000s
Min. Illumination	0.001Lux@F1.2(AGC ON), 0Lux IR on
IR Led	2PCS Array IR Led
IR Distance	Up to 30m
Focal length	3.6mm 2.8mm
Max. Aperture	F2.0
Iris Type	Fixed
Field of View	2.8 mm: Horizontal 103.0° × Vertical 71.0° × Diagonal 132.0° 3.6 mm:

	Horizontal 84.0° × Vertical 58.0° × Diagonal 110.0°				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	56m	22.4m	11.2m	5.6m
	3.6mm	80m	32m	16m	8m
Video					
Video Standard	H.265/H.264				
Video Resolution	Main Stream: 1-30fps@2MP(1920x1080P); 1-30fps@720P Sub stream: D1/VGA(640x480)/640x360@30fps				
Video Bitrates	32Kbps - 5Mbps, VBR/CBR				
Day/Night	Auto/Color/(B/W)/Timing				
WDR	Digital WDR, HDR				
White Balance	Auto/Indoor/Outdoor				
AGC/BLC/HLC	Support				
DNR	2D/3D DNR				
OSD Overlay	Title and Time overlay				
Other	Motion Detection, Human Body detection, Privacy Mask, Mirror, Flip				
Audio					
Audio Standard	G.711-u/G.711-a/AAC				
Mic	Optional				
Network					
Protocol	HTTP/RTSP/FTP/SMTP/DHCP/NTP/NFS, etc.				
P2P	Yes				
Web	IE, Firefox esr, etc.				
Media	CMS, Android, IOS				
Storage	Micro-sd card up to 256G （optional） , FTP; NAS,				
ONVIF	17.06 compatible				
General					
Network Port	1-RJ45, 100Mbps,				

Power Supply	12 VDC $\pm$ 10%, PoE(802.3af)
Power Consumption	< 6W
Operating Temp.	-30°C -(+60)°C, 10%-90%RH

▪ Dimensions (mm)

